KRIVOSHEYEV, V.I.; MUSHIN, A.Z.; GOMBINER, B.Ya.; KASHNITSKIY, L.A.

Large-scale introduction of hydraulic fracturing in oil fields.

Neft. khoz. 38 no.4:8-14 Ap '60. (MIRA 14:8)

(Oil wells—Hydraulic fracturing)

Petroleum production planning. Neft. khoz. 38 no.4428-30
Ap '60. (MIRA 14:8)

(Oil fields—Production methods)

For the efficient programming of oil production. Azerb. neft. khoz.
39 no.1:47-48 Ja '60. (MIRA 14:8)
(Oil fields--Production methods)

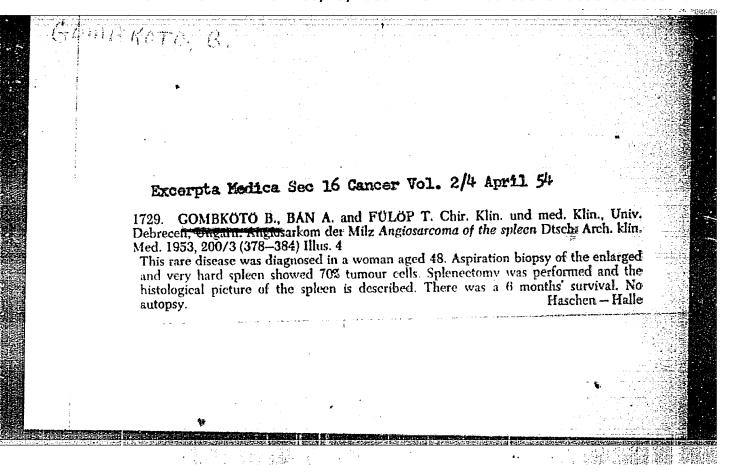
Combiner B.Ya.; Mikov, K.P. [decoased]

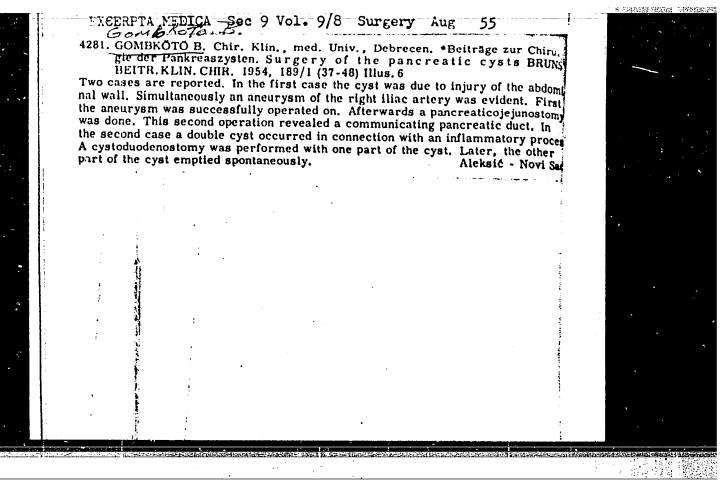
Calculating the cost of petroleum production for individual celis. Neft. khoz. 43 no.3:1-5 Kr 165. (MIRA 18:6)

COMBROTO, B.

A new stomach-replacing anastomosis in total gastrectomy. Acta med. hung. 4 no.3-4:397-418 1953. (CIML 25:5)

1. Of the First Surgical Clinic of Debrecen University.





GOMBKOTO, Bela, dr.: ROKA, Gyula, dr.

Unusual case of developmental anomaly of the pancreas and bile ducts. Orv. hetil. 96 no.20:553-555 15 May 55.

1. A Debreceni Orvostudomanyi Egyetem I. sz. Sebeszeti Klinikajanak (igasgato: Loessi, Janos dr. Egyet. tanar) es a 11. sz. Belklinika (igasgato: Petranyi, Gyula dr. Egyet. tanar) Rontgenlaboratoriumanak (vezeto: Roka, Gyula dr.) kozlemenye. (PANCREAS, abnormalities,

agenesia, with aberrant bile ducts.)
(BILE DUCTS, abnormalities
aberrant duct with agenesia of pancreas.)
(ABNORMALITIES,

aberrant bile duct with agenesia of pancreas.)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000515930002-6"

GOMBKOTO, Bela, dr.; HERCZEG, Laszlo, dr.

Internal abdominal hernias. Magy. sebeszet 9 no.5:303-308 Oct 56.

1. Debreceni Orvostudomanyi Egyetem I. sz. Sebeszeti Klinikajanak kozlemenye. Igazgato: Loessl, Janos, dr. (HERNIA, INTERNAL, surg. (Hun))

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000515930002-6"

GOMBKOTO, Bela, dr., egyet. docens

The problem of early cancer diagnosis in connection with our clinical material of five years (1949-53). Orv. hetil. 97 no. 42:1154-1159 14 Oct 56.

1. A Debreceni I. sz. Sebeszeti Klinika (Loessl, Janos, dr. egyet. ny. r. tanar) kozlemenye.
(NEOPLASMS, diag.
early, responsibility of physician (Hun))

GOUBKOTO, BELH, DA.

BAN, Andras, Dr.; GOMBKOTO, Bela, Dr.; KACSKO, Janos, Dr.

Agastric and intestinal negaloblastic anemias. Orv. hetil. 98 no.40: 1093-1096 6 Oct 57.

1. A debreceni Orvostudomanyi Egyetem I. sz. Belklinikajanak (igazgato: Fornet Bela dr. egyet. tanar) es I. sz. Sebeszeti Klinikajanak (mb. vezeto: Szeleczky Gyula dr. egyet. decens) kozlemenye.

(ANEMIA, HYPERCHROMIC, case reports

magaloblastic anemia after gastrectomy & intestinal surg. (Hun))

(GASTRECTOMY, compl.

anemia, megaloblastic agastric, case reports (Hun))

(INTESTINES, surg.

compl. megaloblastic anemia, case reports (Hun))

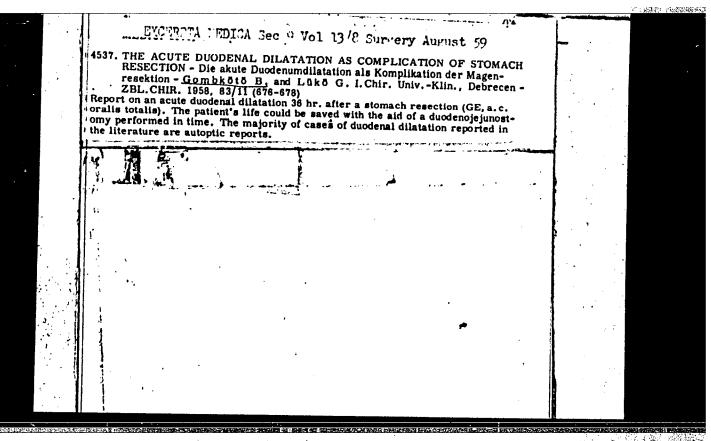
GOMBKOTO, Bela, Dr.

Management of the duodenal stump in problems in resection of duodenal ulcers. Magy sebeszet 11 no.1:22-26 Feb 58.

1. A Debreceni I. sz. Sebeszeti Klinika kozlemenye Mb. igazgato: Szeleczky Gyula dr. docens. (PEPTIC UICER, surg.

management of duodenal stump in resections in duodenal ulcer (Hun))

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000515930002-6"



GOMBKOTO, Bela, Dr.; NAGY, Tibor

Cancer of the stomach operated for ulcer; the so-called gastric stump cancer. Orv. hetil. 99 no.12:402-405 28 Mar 58.

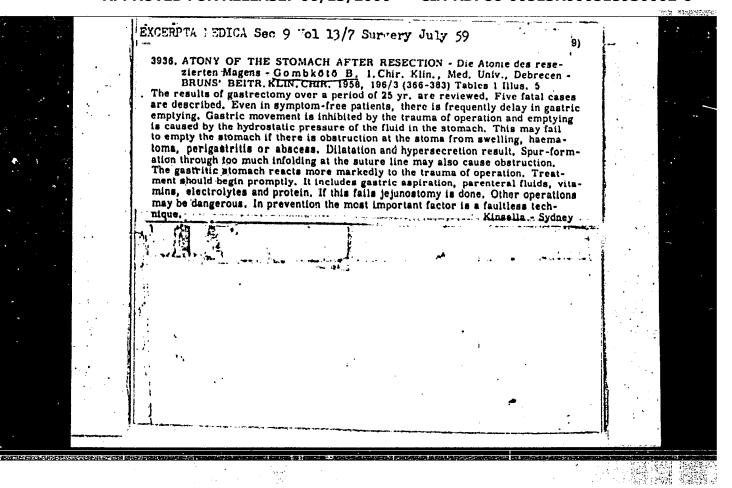
1. A Debreceni Orvostudomanyi Egyetem I. sz. Sebeszeti Klinikajanak (mb. igazgatoo: Szeleczky Gyula egyet. docens) kozlemenye. (GASTRECTOMY, compl.

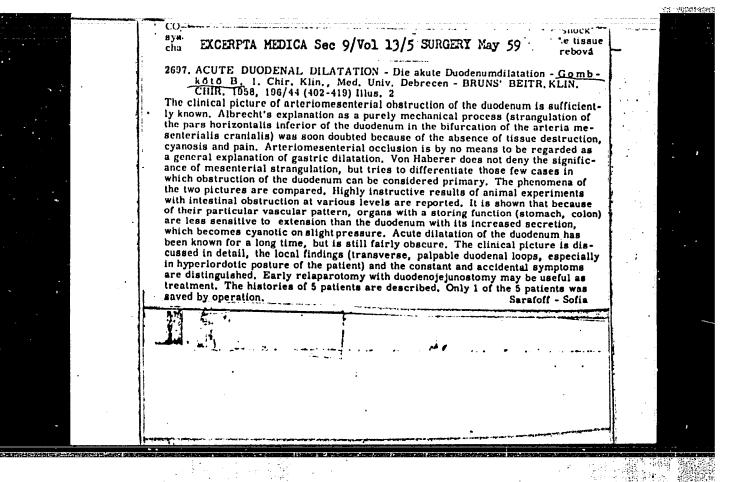
cancer of gastric stump (Hun))

(STOMACH NEOPLASMS

postop. cancer of gastric stump (Hun))

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000515930002-6"





SZABO, L.E.; GOMBKOTO, B.; LADANYI, Jozsa; TOTH, M.G.

On pseudocysts of the pancreas. Acta chir. acad. sci. hung. 3 no.4: 393-409 162.

1. I Chirurgische Klinik (Direktor: Prof. Dr. Dr. H. c. E.Hedri) der Medizinischen Universitat Budapest, I Chirurgische Klinik (Direktor: Prof. Dr. J. Szeleczky) und II Chirurgische Klinik (Direktor: Prof: Dr. J. Ladanyi) der Medizinischen Universitat Debrecen.

(PANCREATIC CYST)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000515930002-6"

GOMBKOTO, GEZA

Hungary/Chemical Technology - Chemical Products and Their Application. Medicinals.

Vitamins. Antibiotics, I-18

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62928

Author: Gal, Istvan; Gombkoto, Geza

Institution: None

Title: Preparation of Crystalline Capsaicine

Original

Periodical: Kristalyos kapszaicin eloallitasa. Elelm. ipar., 1955, 9, No 10,

313-314; Hungarian; Russian, English, and German resumés

Abstract: A new method has been worked out for obtaining capsaicine. The

latter crystallizes spontaneously from petroleum-ether extracts of

plant materials and can be isolated in very pure form.

Card 1/1

GOMBKOTO, Istvan; PATAKI, Laszlo

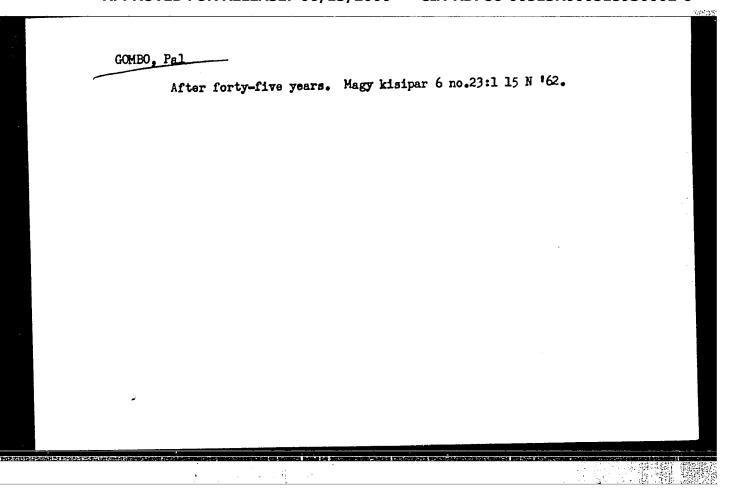
Preventing radio interferences caused by electrothermal installations and mercury vapor lamps. Hir techn 13 no.5:176-181 0 162.

1. Posta Radio- es Televiziomuszaki Igazgatosag.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000515930002-6"

GOMBKOTO, Miklos, okleveles mernok

Modern load capacity testing car for the roads of Budapest. Melyepitestud szemle 15 no.3:127-132 Mr '65.



GOMBOS, Bernard

Pneumoconioses from roasting iron ore. Pracovni lek. 8 no.6: 419-421 Dec 56.

1. Interna klinika v Kosiciach, prednosta doc. Dr. Frant. Por. (PNEUMOCIONOSES, etiology and pathogenesis, roasting of iron ore (Cs))

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000515930002-6"

Pulmonary nodulation from inhalation of barium dust. Pracovni lak. 9 no.5:399-402 Nov 57. 1. Interna klinika v Kosiciach, prednosta doc. MUDr. Frant. Por. Pododdelenie pre choroby s povolania. (BAHUM, inj. eff. pulmonary nodulation in workers of barium grinding mill (Gs)) (LUNG DISEASES, etiol. & pathogen. nodulation in barium-grinding mill workers (Cs)) (OCCUPATIONAL DISEASES; etiol. & pathogen. pulm. nodulation in barium-grinding mill workers (Cs))

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000515930002-6"

colucs, B.

NINAVOLEOHOEEO

no academic degree indicated

Department for Occupational Diseases, Internal Clinic, Medical Faculty, P.J. Safarik University (Oddelenie pro cheroby z povolanie Internej kliniky Lok. Fak. Univ. P.J. Safarika), Kosice; Director: F. FOR, LD; Dental Clinic, Med. Faculty, P.J. Safarik Univ. (Zubna klinika Lek. Fak. Univ. P.J. Safarika), Kosice; Director: docent A. RUZICKA, MD; Meurological Clinic, Med. Fac. P.J. Safarik University (Meurologicka klinika Lek. Fak. Univ. P.J. Safarika), Kosice; Director: docent J. HAMPAN, MD.

Bratislava, Bratislavske Lekarske Listy, No 9, Nov 62, pp 540-548.

"Chronic Load Poisoning"

Co-authors:

DUDRA, A. same as above

MAGDO, J. " "

BENICKY, L. " " "

REMROVA, A. " " "

GOMBOS, B.; DUDRA, A. [deceased]; MAGDO, J.; BENICKY, L.; RIMAROVA, A.

Chronic mercury poisoning. Bratisl. Lek. Listy. 42 no.9:540-548 162.

1. Z oddelenia pre choroby z povolania Internej kliniky Lek. fak. Univ P.J. Safarika v Kosiciach, veduci prof. MUDr. F. Por, zo Zubmej kliniky Lek. fak. Univ. P.J.Safarika v Kosiciach, veduci doc. MUDr. A. Ruzicka, z Neurologickej kliniky Lek. fak. Univ. P.J. Safarika v Kosiciach, veduci doc. MUDr. J. Hympan. (MERCURY POISONING)

CZECHOSLOVAKIA

GOMBOS, B; MERSTEN, A.

Internal Medicine Clinic of the Medical Faculty UPjS (Interna klinika Lekarskej fakulty UPjS), Kosici (for both)

Prague, Rozhledy v tuberkulose, No 5, 1963, pp 351-353 "Unilateral Silicosis."

POR, F.; TAKAC, M.; GOMBOS, B.; ROZLOZNIK, J.; BENICKY, L.; TAKOCOVA, M.

(ELECTROCARDIOGRAPHY)

Ventilation and hemodynamic indices in acute and chronic silicosis. Bratisl. lek. listy 43 no.4:219-225 163.

1. Interna klinika Lek. fak. Univ. P.J. Safarika v Kosiciach, veduci prof. MUDr. F. Por, a oddelenie pre choroby z povolania pri Internej klinike Lek. fak. Univ. P.J. Safarika, veduci-ordinar MUDr. B. Gombos. (RESPIRATORY FUNCTION TESTS) (SILICOSIS) (PULMONARY CIRCULATION) (THORACIC RADIOGRAPHY) (BALLISTOCARDIOGRAPHY)

CIA-RDP86-00513R000515930002-6" APPROVED FOR RELEASE: 06/13/2000

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GCRO, G.; BUTICS, I.

"Theotemeter for Flame in the Corenic Laboratory", 1. 165, (LPHICALYMS, Vol. 6, Ec. 3, Farch 1954, Budapost, Hungary)

UC: Forthly Hist of Fast European Accessions (EDAL), IC, Vol. 4, Ec. 3, Farch 1955, Urel.
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GOMBOS, Imre, dr.

Surgical aspects of occupational hazards in agriculture. Nepegeszsegugy 42 no.3:89-93 Mr 161.

1. Kozlemeny a Bekescsabai Varosi Tanacs Korhazanak sebeszeti osztalyarol (foorvos: Gombos Imre dr.)

(RURAL HEALTH)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000515930002-6"

GOMBOS, Imre

Modernization of the foundation works in building transmission lines. Elektrotechnika 54 no.6:258-263 Je 161.

1. Orszagos Villamostavvezetek Vallalat Szerelesi Foosztaly foosztalyvezetője.

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DARABOS, Gyorgy; GOMBOS, Katalin

The effect of ultrasound on the blind spot. Szemeszet 98 no.2:101-106

1. A Debreceni Orvostudomanyi Egyetem Szemklinikaja (Igazgato: Kettesi Aladar egy. tan.) s a Hajdu-Bihar Megyei Tanacs Korhazanak Idegosztalya (Foorvos: Papp Zeltan) kozlemenye.

(FUNDUS OCULI physiol) (ULTRASONICS)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000515930002-6"

Zoophobia in children. Gyermekgyogyaszat 13 no.4:124-128 Ap '62.

1. Megyei Tanacs Rendelcintezete, Debrecen. (Igazgato: Szent-Kiralyi Istvan dr.)

(NEURCSES OBSESSIVE COMPULSIVE in inf & child)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000515930002-6"

The Fifth H	ingarian Pha	rmacopeia. Gy	ogyszeresz 8 r (CL)	10. 2:29 Fel (T. 23:5)	eb 1953.
1. Doctor.	•		(022	ш <i>2</i> у•уу	

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GUMBCS, L.
 "The Electrolytic Condenser Meter" p. 221
"Bourgeois Science in the Service of Capitalism" p. 222
"The 5 + 2-Tube Super Receiver" p. 223
"The Czechoslovak Short-Wave Contest" p. 226
"From the Experiences of Radio Telegraphists of the All-Union Voluntary Society
for the Promotion of the Army, Air Force, and Navy" p. 227
*The Opening of the Radio Club was a Holiday for Youthful Radio Amateurs in Csepel) p.227
"The Orion 320 Receiver" p. 230
"A loop with an Iron Core" (To be contd.) p. 232
"The First Collective Pioneer Radio Station in the Country" p. 233
"Fundamental Concepts in Physics" p. 234
"The Terminal Voltage of the Power Source" (To be contd) p. 236
"Instruments for Demonstration " p. 237
(Radiotechnika, Vol. 3, No. 10, October, 1953, Budapest)
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                                         Vol. 3, No. 3
                                                                            1954
                                                                    March
                                                                             1988. Uncl.
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EERECZ, Istvan; GOMBOS, Peter Connection of combined vacuum gauge operating in the range of a 1-10-7 Hgmm. pressure. Magy fiz folyoir 8 no.1:31-35 '60. (EEAI 9:10) 1. Magyar Tudomanyos Akademia Atommag Kutato Intezete, Debrecen. (Vacuum gauges) (Ionization)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000515930002-6"

NAGY, Janos; GOMBOS, Peter

Measurements by high-frequency ion source. ATOMKI kozl 5 no.1:39-46 My '63.

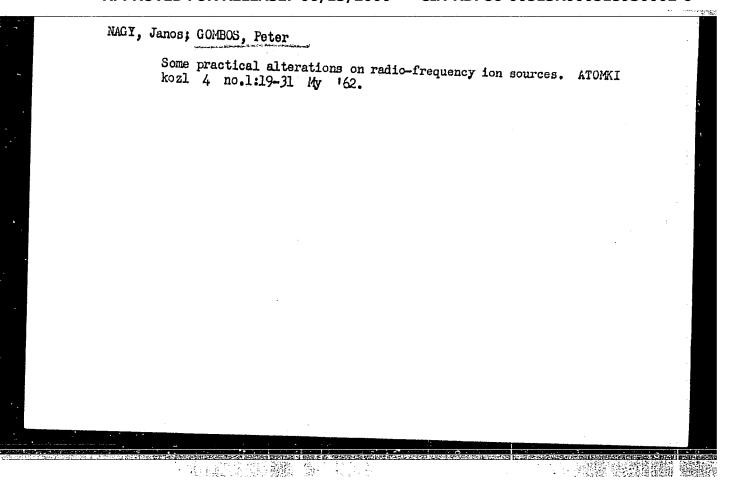
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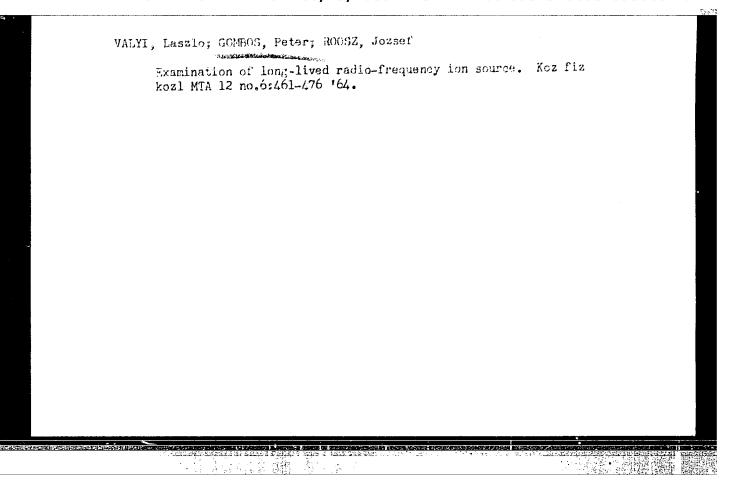
NAGY, Janos; GOMBOS, Peter; BERECZ, Istvan, tudomanyos munkatars; MUCSI, Janos uvegtechnikus

Electrolyzer for obtaining pure H2/D2/gas. ATOMI kozl 3 no.4:231-233 '61.

1. Magyar Tudomanyos Akademia Atommag Kutato Intezete, Debrecen.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000515930002-6"





Critical review of results in industrial construction from the Liberation to the present. p.17lh. TEHNIKA. Beograd. Vol. 1c, no. 12, 1955.

SOURCE: East European Accessions List (ETAL), Library of Congress Vol. 5, No. 6, June 1956

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000515930002-6"

刘德宗皇帝 驅戰 泰生辛多

YATSINA, Ya.; TISHLER, V.; GOMEOSH, A.

Functions of homotransplanted kidneys in immunologically similar dogs. Fiziol. zhur. 47 no.6:774-777 Je '61. (MIRA 15:1

1. From the Medical Faculty, Shafarik University, Kosice, Czechoslovakian S.S.R. (KIDNEYS_TRANSPIANTATION)

TISHLER, V. [Tischler, V.]; YATSINA, Ya. [Jacina, J.]; GOMBOSH, A. [Gombos, A.]; SKOKAN, Y. [Skokan, J.]

Study of the functions of renal homografts that have survived in dogs. Fiziol.zhur. 48 no.12:1488-1493 D 162. (MIRA 16:2)

1. From the Medical Faculty, Safarik University, Kosice, Czechoslovak Socialist Republic.

(HOMOGRAFTS) (KIDNEYS—TRANSPLANTATION)

YATSINA, Ya. [Jacina, J.]; TISHUER, V. [Tieler, V.]; GOMBOSH, A. [Gumbos, A.]; MATEOVA, Ye. [Mateova, F.]

Glucese, lactate, and pyruvate metabolism in the kinneys of dogs in vivo. Fiziol.znur. 51 no.1181356-1362 N 165.

(MIRA 18/11)
1. Kafedra okhrany rebenka i kafedra normel'hoy l'topograficheskoy anatomin Meditsinskogo fakul'teja Universiteta impni P.I.
Shafarika, g. Koshitse, Chekhoslovakiya.

HUNGARY/Nuclear Physics - Elementary Ferticles

C-3

Abs Jour : Rof Zhur - Fizike, No 12, 1958, No 36896

: Bozoki Gyorgy, Gombosi Eva

Nuthor

: Angular Distributions Obtained on the Basis of Different Inst

Theories of Multiple Meson Freduction. Title

Orig Fub : Magyar tud. akad. Kozp. fiz. kutato int. kozl., 1957, 5,

No 6, 537-555, 111

Abstract: On the basis of the multiple meson production of L.D. Landau, the authors have investigated the dependence of the difforential and integral engular distributions of the created perticles on $\ll = 10$ km α , for the case of nucleon-nucleon collisions (γ_0 is the primary energy in the center-of-mass system in units of the nucleon rest mass, and γ is the raple of deflection of the perticles from the vertical exis in the leboratory system). The results are compared with the distributions obtained in accordance with the Formi and Heisenberg theory with angular distribution of the type cost respec-

: 1/2 Cord

6

APPROVED FOR RELEASE: 06/13/2000 los CIA-RDP86-00513R000515930002-6

Abs Jour : Ref Zhur - Fizka, No 12, 1958, No 26896

poctively. With the rid of the distributions obtained, the cuthors calculate the function $f(\propto) = F(1-F)$. For the case of the investigated angular distribution in jets, the results obtained in this menner make it possible to compare the expreimental and theoretical distributions, and also to determine the primery energy. In addition, on the basis of the Lendau theory, the euthors have investigated the engular distribution for the case of nucleon-nucleus collisions

: 2/2 Card

Abs Jour

: Ref Zhur Fizika, No 12, 1959, 26959

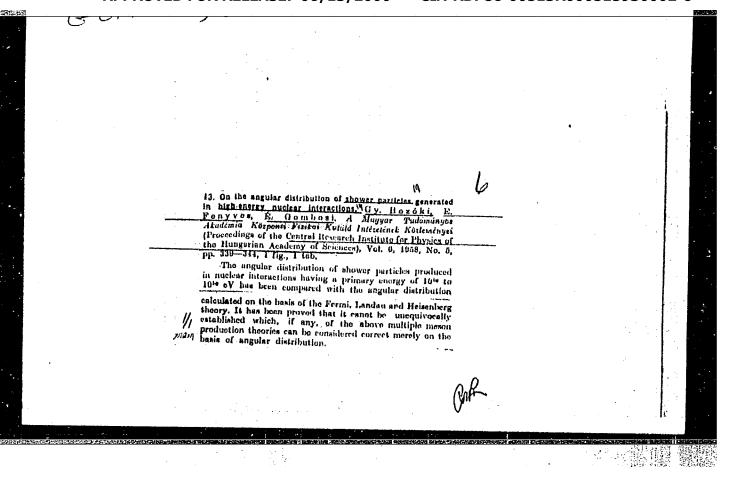
interactions of shower particles were noted, and the energy and transverse momenta of these particles were estimated. On the basis of the measurement of the energy of the electron-positron pairs, found in a narrow cone formed by the jet particles, approximate estimates are made of the number, average momentum, and average transverse momentum of the neutral pions. A brief description is given of the experimental results obtained.

Card 2/2

- 32 -

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515930002-6



	'and 1000 GeV. E. Funy ranyi, A Magyar Tudos Kutato Interstinah Körlem Research Instituto for Pi	ntersettens of energies between Yves, E. Gembosi P. B. manyos Akadémia Körpenti Fissingsi (Proceedings of the Condystees of the Hungarian Acade No. 5, pp. 145-350, Rigs., P.	ikai ikai ikal		
	particles of soven nucle collisions, were measured centre of mass system (CM of secondaries, and the Lo system was obtained from	nergy distribution of the shoes interactions, mostly composite Lorentz factor γ_{cm} of is) was determined from the one prents factor γ_{sym} of the symmetric factor γ_{sym} of γ_{sym} o	plex the ergy	•	
	found that Ynym = 0.0	92 ± 0.15 which corresponds to			

HUNGARY/Nuclear Physics - Nuclear Reactions.

C-

Abs Jour

: Ref Zhur Fizika, No 3, 1960, 5432

Author

: Bozohi Gyorgy, Fenyves Erwin, Gombosi Eva

Inst

:

Title :

: Investigations of the Interactions Due to 9-Bev Protons

in Photoemulsion

Orig Pub

: Magyar tud. akad. kozp. fiz. kutato int. kozl., 1958,

6, No 5, 351-357, \overline{IV}

Abstract

: A procedure is developed for determining the number of nucleons, 7, , knocked out of a nucleus as a result of nuclear interaction with 9-Bev protons. The correlation between 7, and the number of emitted cascade particles and between 7, and the number of evaporated particles was investigated. The results obtained are evidence of the existance of such a correlation. -- V.I. Lend'yel

Card 1/1

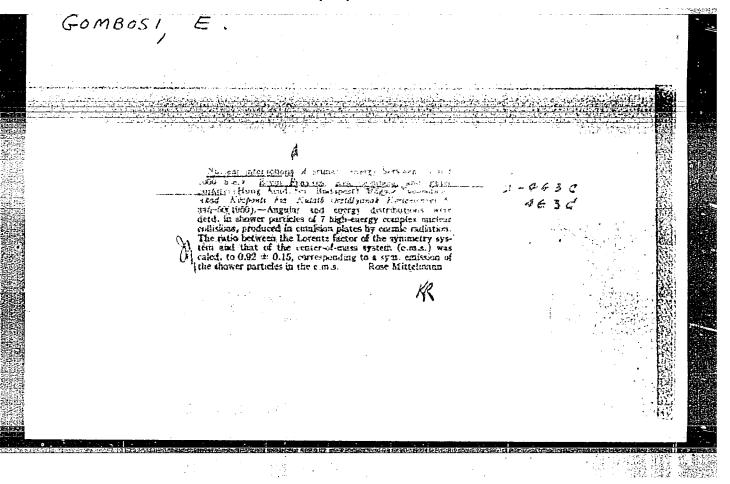
are ealch, ecording to the interaction. Angular distributions calculactoraction interaction. Angular distributions calculations calculations calculations and the interaction. Norman B. Pickering - Will Bistr: 483c483d	Combosi, E	Angular distribution of shower particles generated in high-energy nuclear interactions. I. Bozóki, R. Fenyves, and Rya Chomicosi (Central Research Inst. Phys., Budapest, Hung.). Nuclear Phys. 8, 180-200 (1958).—The differential and integral angular distributions of the above particles are calcul. according to the multiple meson production theories of Fermi, Landau, and Heisenberg for nucleon-nucleus interaction. Angular distributions calcula according to the Landau theory are also given for nucleon-nucleus interaction. Norman E. Pickering -	6 2
		ries of Fermi, Landau, and Heisenberg for nucleon-nucleon ries of Fermi, Landau, and Heisenberg for nucleon-nucleon interaction. Angular distributions caled, according to the Landau theory are also given for nucleon-nucleus interaction. Norman B, Pickering-	

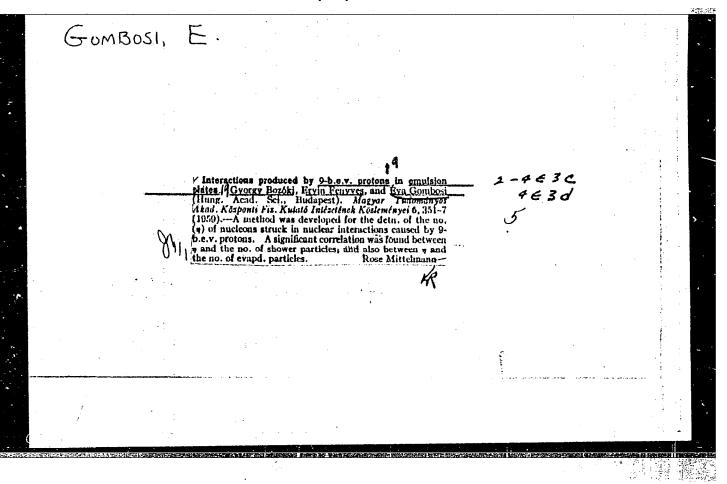
BOZOKI, Gyorgy; GOMBOSI, Eva.

On the size distribution of stars observed in nuclear emulsions.

Koz fiz kozl MTA 7 no.4:189-198 *59. (EEAI 9:8)

l. A Magyar Tudomanyos Akademia Kozponti Fizikai Kutato Intezete, Kozmikus Sugarzasi Osztaly. (Nuclear emulsions) (Cosmic rays)





BOZOKI, Gyorgy; DOMOKOS, Gabor; FENYVES, Ervin; FRENKEL, Andor; GOMBOSI, Eva; BEBEL, D.; LANIUS, K.; MEIER, H.W.

Further investigation of high-energy jet. Koz fiz kozl MTA 7 no.6: 374-377 °59. (ERAI 9:8)

1. Kozmikus Sugarzasi Laboratorium, Kozponti Fizikai Kutato Intezet, Magyar Tudomanyos Akademia (for Bozoki, Domokos, Fenyves, Frenkel, Gombosi). 2. Nemet Tudomanyos Akademia Magfizikai Intezete, Zeuthen (for Bebel, Lanius, Meier)
(Particles) (Photons) (Cascades)

GOMBOSI, Eva; JANOSSY, Lajos

Determination of the frequency of various types of events by the maximum likelihood method. Koz fiz kozl MTA 8 no.2/3:83-86 *60. (EEAI 10:4)

1. A Magyar Tudomanos Akademia Kozponti Fizikai Kutato Intezete, Kozmikus Sugarzasi Laboratorium. (Nuclear emulsions)

Sec. 13

H/016/60/010/06/03/008 B016/B011

AUTHORS:

Bozóki, György, Gombosi, Éva

TITLE:

Nuclear Interactions at Extremely High Energies

PERIODICAL:

Fizikai Szemle, 1960, Vol. 10, No. 6, pp. 173-178

TEXT: The authors wanted to collect the experimental results obtained by various authors along with the respective theoretical assumptions concerning changes in elementary interaction phenomena at extremely high energies. Possibilities of studying high-energy nuclear interactions: In the main, there are two procedures: the one with ordinary counters and scintillation counters, and the nuclear emulsion method. Anomalous processes observed in the investigation of extensive cosmic showers:

1) Nuclear-active component: In 1954, S. I. Nikolskiy and co-workers (Ref. 3) measured the spatial distribution and the number of nuclear-active 109 ev particles in extensive cosmic showers at an altitude of 3860 m in the Pamirs. E. A. Murzina and co-workers (Ref. 4) conducted measurements on the integral energy spectrum in the same ranges in the fall of 1957. Particles over 10¹³ ev energy were much scarcer than

Card 1/3

Nuclear Interactions at Extremely High Energies

H/016/60/010/06/03/008 B016/B011

expected by the analogy with primary cosmic radiation. Of late, the same findings were made in the energy spectrum of Π^{O} -mesons as had been reported at the 1959 Kivev Conference on High-energy Physics. 2) /- meson component: a) In 1954, Yu. N. Vavilov and co-workers (Ref. 5) studied the spatial distribution and the number of μ -mesons originating in extensive cosmic showers, and found their spatial distribution to be independent of the primary shower energy. b) In 1957, Higashi and co-workers carried out experiments in a subterranean Wilson chamber. H-Mesons with an energy of over 0.5 Gev were assumed to be contained in the penetrating particles. c) A third experiment, which likewise showed an anomalous phenomenon, was carried out in 1952 by Barrett (Ref. 8) and others. I. L. Rozenthal (Ref. 9) pointed thereto from the viewpoint of the possibility of a change in the interaction cross section at high energies. 3) Propagation of the bundle of extensive cosmic showers: O. Dobzhenko and others (Ref. 10) studied several problems with counters, ionization- and Wilson chambers in the Pamirs in 1955. They found that the shower beam may have a diameter of 1-3 m. 4) Inelasticity of the interaction process: In showers of over 6.1014 ev, the last-mentioned experiment gave evidence

Card 2/3

Nuclear Interactions at Extremely High Energies

H/016/60/010/06/03/008 B016/B011

of several nuclear-active particles whose energy was of the same order.

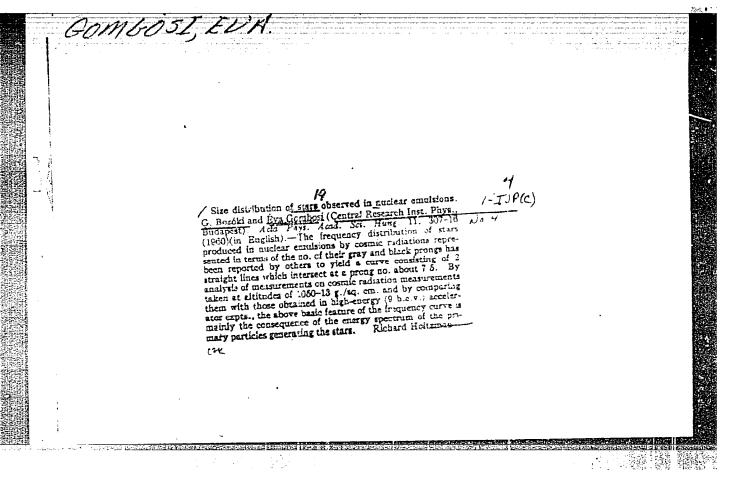
5) High-energy nuclear interaction observed in photoemulsion and exhibiting anomalous character: Fowler and co-workers (Ref. 11) found such anomalies in 195%. Explanation of the experiments: Experimental results inidicate that the structure and the formation mechanism of extensive cosmic showers change at a primary energy of about 10¹⁵ ev. Two hypotheses have been set up to explain this theoretically: 1) At the Conference on Cosmic Radiation held in Budapest in 1956, S. I. Nikolskiy ventured that these changes might be in some way related to the nucleonic structure.

2) E. Friedländer took up this idea, and tried an interpretation by assuming a nucleon nucleus with the aid of the Fermi theory. There are figures and 12 references: 7 Soviet, 2 English, 2 Italian, and 1 Hungarian.

ASSOCIATION:

Központi Fizikai Kutató Intézet Kozmikus Sugárzási Laboratórium (Central Research Institute of Physics, Laboratory of Cosmic Radiation)

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l. Magyar Tudomanyos Akademia Kozponti Fizikai Kutato Intezetenek Kozlemenyei felelos kiadoja (for Janossy).

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SZABO, Imre, KARPATI, Gyorgy, Dr., GOMBOSI, Janos, Dr., NEMETH, Gyorgy, Dr.; XIV. District Council Executive Committee, Uzsoki Street Hospital (director-chief physician: SZANTC, Sandor, Dr.), Institute of Onco-Radiology (chief physician-in-charge: VANDOR, Ferenc, Dr.), Central Patient Services (chief physician-in-charge: KARPATI, Gyorgy, Dr.) (XIV Keruleti Tanacs VB -- Vegrunhajto Bizottsag --, Uzsoki Utcai Korhaz, Onko-Radiologiai Intezet, Kozponti Gondozo), Budapest.

"The Use of Radiogold Wire (Aul98) in Tumor Therapy (I. Experimental Section, Radiation Physics and Dosimetry)."

Budapest, Magyar Radiologia, Vol XVIII, No 2, Apr 66, pages 112-117.

Abstract: [Authors' English summary modified] The experimental problems and the problems of X-ray physics and dosimetry which arise in connection with the use of radiogold-wire are discussed. The clinical experiences are to be discussed in the second part of this paper. No references.

1/1

HUNGARY

KARPATI, Gyorgy, Dr; SZABO, Imre; GOMBOSI, Janos, Dr; and NEMETH, Gyorgy, Dr; Uzsok Street Hospital of the XIV District Council; Budapest (hospital director: Dr Ferenc VANDOR)

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Budapest, Magyar Radiologia, Vol 18, No 3, Jun 66, pp 161-165

Abstract [authors' Russian, English and German summaries, modified]: The results of using Au-198 wire on 67 tumor patients are summarized. The importance of the method is emphasized. Au-198 wire is also produced in Hungary and is less expensive than radium needles. No references.

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Dissertation: The central part of Northern Mongolia

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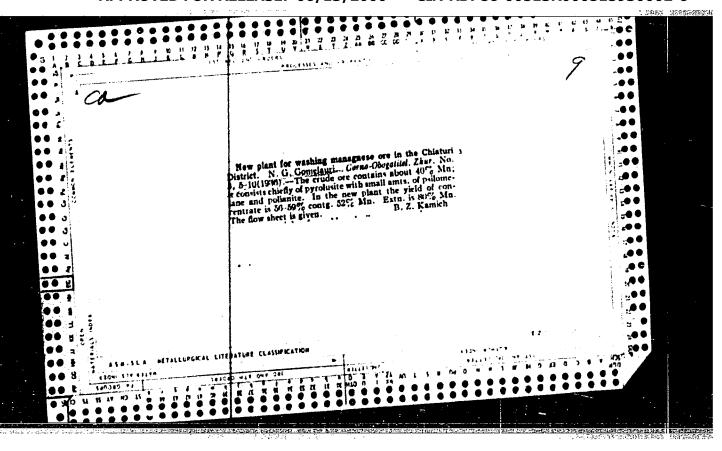
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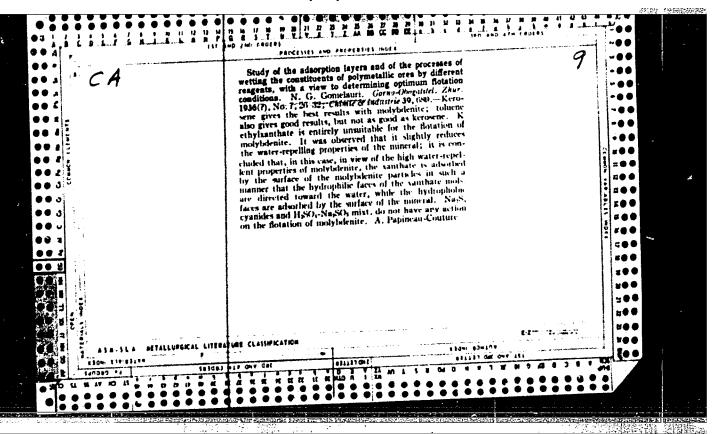
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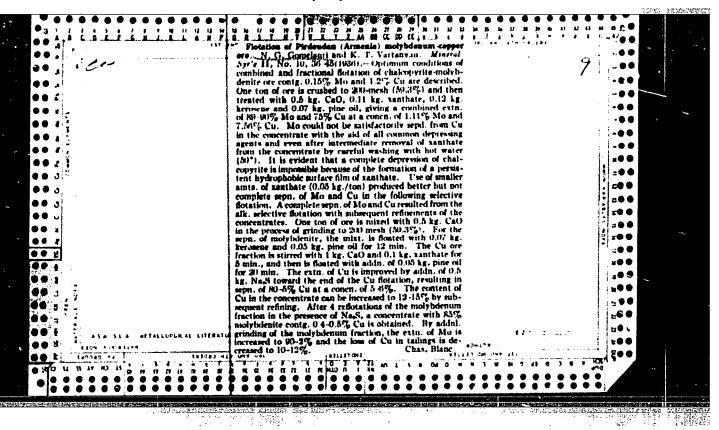
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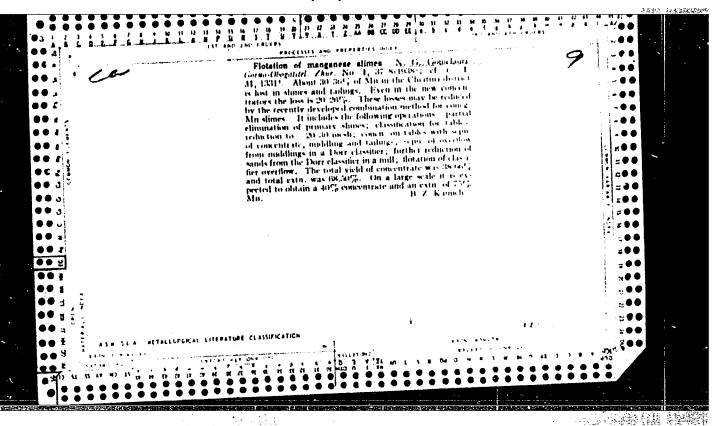
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きひくがん 装養 記りテンス









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SOV/133-58-6-2/33

TITLE:

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Stal', 1958, Nr 6, pp 486 - 488 (USSR). PERIODICAL:

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steel industry in the Georgian SSR during the years of Soviet power and the development plan for 1959-1965 is given. An interesting point in the development plan is the construction of a pipeline for supplying natural gas. It is thought that this gas will be used for additions to the blast

for blast furnaces thus decreasing the coke rate.

Sovet narodnogo khozyaystva Gruzinskoy SSR

(The Council of National Economy of the Georgian SSR)

Card 1/1

1. Industrial plants--Development 2. Pipelines--Construction

3. Fuels--Applications

DESCRIPTION OF THE RESERVED BY THE PARTY OF THE

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25(5)

PHASE I BOOK EXPLOITATION

sov/3080

- Gomelauri, Nikolay Georgiyevich, Nikolay Vasil'yevich Kashakashvili, Solomon Avtandilovich Sharadzenidze, Viktor Viktorovich Sereda, and Georgiy Lukich Gogava
- Zakavkazskiy metallurgicheskiy zavod imeni I. V. Stalina (Zakavkazskiy Metallurgical Plant imeni I. V. Stalin) [Moscow] Metallurgizdat, 1959. 147 p. 3,000 copies printed.
- Ed.: N. G. Gomelauri, Candidate of Technical Sciences; Ed. of Publishing House: L. M. Gordon; Tech. Ed.: A. I. Karasev.
- PURPOSE: This book is intended to acquaint metallurgical workers and the general public with the design and operation of metallurgical plants.
- COVERAGE: The book deals with the history and development of the Zakavkazskiy Metallurgical Plant imeni Stalin in Rustavi, Georgian SSR. Construction of individual departments and organization of production are described. The question of technical pro-

Card 1/3

Zakavkazskiy Metallurgical (Cont.) SOV	7/3080
gress and labor productivity is examined. The in progressive technological processes in blast-furm making shops, in tube and rolling mills, and in to of wire and merchant bars is discussed. No personentioned. There are no references.	the production
TABLE OF CONTENTS:	
History of Metallurgy in Zakavkaz'ye Historical review Raw material and fuel sources Building of the Zakavkazskiy Metallurgical Plant	5 5 9 12
Coke Production	18
Agglomeration. Blast-furnace Production. Sintering plant Blast-furnace operation	29 29 35
Steelmaking	#2
Card 2/3	·

Zakavkazskiy Metallurgical (Cont.)	SOV/3080
Rolling Mill Production Blooming mill Mill for rolling tube billets Merchant-bar and wire-drawing mill Sheet and plate rolling mill	58 58 68 77 89
Tube Production	97
Repair and Power Facilities	112
Production Innovators	116
Outlook for Plant Development	134
City of Georgian Metallurgists	140
AVAILABLE: Library of Congress (TN755.Z26 G6)	
Card 3/3	VK/mmh 2-15-60

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ACC NRI AP6011200 SOURCE CODE: UR/0413/66/000/006/0032/0032	:
INVENTOR: Semenov, O. A.; Alferova, N. S.; Yankovskiy, V. M.; Kolesnik, B. P.; Ostrin. G. Ya.; Plyatskovskiy, O. A.; Kheyfets, G. N.; Gleyberg, A. Z.; Chemerinskaya, R. I.; Comelauri, N. G.; Blanter, M. Ye.; Sharadzenidze, S. A.; Suladze, O. N.; Col denberg, A. A.; Tsereteli, P. A.; Ubiriya, A. Ye. Seperteladze, O. G.	
ORG: none	
TITLE: Method of manufacturing strengthened tubes. Class 18, No. 179786 [announced by the Ukrainian Scientific Research Institute of Pipes (Ukrainskiy nauchno-issledo-vatel'skiy trubnyy institut)]	
SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 6, 1966, 32 TOPIC TAGS: tube manufacturing, tube rolling, tube strengthening, tube heat treatment	•
ABSTRACT: This Author Certificate introduces a method of strengthening hot-rolled tubes. According to this method, the hot-rolled tube is quenched immediately after it leaves the first rolling mill, and then is sized or reduced at a tempering temperature. [ND]	-
SUB CODE: 13/ SUBM DATE: 12Nov63/ ATD PRESS:4230	
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"Investigation of the Heat Loss of a Pipe in a Transverse Stream of a True Liquid." Sub 23 Jan 47, Power Engineering Inst imeni Academician G. M. Krzhizhanovskiy

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(Tekhnitubo--Air conditioning) (Tekhnitubo--Springe)

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(Heat—Transmission) (Nuclear reactors)

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